GENERAL INDEX

VOLUME 48, 1972

A

Abstracts, scientific session on research. The New York Heart Association, 1037

Academy of Medicine, Annual meeting of the New York, 1972, 1191

Academy Medal, Presentation of the, to James A. Shannon, M.D. Ludwig W. Eichna, 1194

Academy Plaque, Presentation of the, to Frank B. Berry, M.D. James E. McCormack, 1191

Academy project on the functional analysis of allied health personnel in the medical care delivery team, The. Milton Lowenthal, 974

Activation of factors XII and XI in thrombogenesis. Hymie L. Nossel, 281

Adaptation to and continued education for teachers of tropical medicine. William W. Frye, 1315

Ainsworth, Thomas H., Jr. The medical staff and the hospital, 1400

Akutsu, Tetsuzo. Components of artificial hearts, 362

Anatomic and pathologic rationale for surgery of the coronary arteries. Jack L. Titus, 1074

Anderson, Gaylord W. Book review. Thomas Rogers Forbes: *Chronicle from Aldgate. Life and Death in Shakespeare's London*, 596

Anesthetic agents and neuropsychiatric complications following extracorporeal circulation. Bernadito Ebido, Avron Weinreich, and Barbara Lipton, 545

Annual meeting of the New York Academy of Medicine, 1972, 1191

Approaches to assessment of the efficacy of surgical revascularization. Jerome Cornfield, 1126

Arbona, Guillermo. The hospital, 1447

Armstrong, R. Warwick. Medical and demographic data in the forthcoming *Atlas of Hawaii*, 877

Artificial hearts, Components of. Tetsuzo Akutsu, 362

Auxiliaries and primary medical care. N. R. E. Fendall, 1291

B

Baier, Robert E. The role of surface energy in thrombogenesis, 257

Baker, Stewart L., Jr. Present status of the drug abuse counteroffensive in the armed forces, 719

Baker, Timothy D. Teaching and research in tropical medicine in the United States, 1255

Battered children and baffled adults. Frederick Wertham, 887

Becker, Robert O. and Spadaro, Joseph A. Electrical stimulation of partial limb regeneration in mammals, 627

Bellevue in the 1830s. Edward H. Dixon, 509

Bellow, Saul. Experts, 884

Berry, Frank B. Book review. *Medicine and Society. Contemporary Medical Problems in Historical Perspective*, 494

Bone setting, peasant style. Sylvan Levey, 577

Book review, Alfred Russell Wallace: *Natural Selection and Tropical Nature. Essays on Descriptive and Theoretical Biology*. C. Brooke Worth, 799

Book review. Eleanor Shipley Duckett: *Death and Life in the Tenth Century*. Thomas R. Forbes, 598

Book review. Erwin H. Ackernecht: *Therapie von dem Primitiven bis zum 20. Jahrundert*. Alfred Vogl, 707

Book review. Martin Brown, editor: *The Social Responsibilities of the Scientist*. Marvin Lieberman, 200

Book review. Medicine and Society. *Contemporary Medical Problems in Historical Perspective*. Frank B. Berry, 494

Book review. Thomas Rogers Forbes: *Chronicle from Aldgate. Life and Death in Shakepeare's London:* Gaylord, W. Anderson, 596

Braunwald, Nina S. Performance of materials in vascular prosthetic devices: Heart valves, 357

Brotherston, John H. F. Trends in the British national health service, 58

Buckley, Mortimer J. Surgery for acute coronary artery disease, 1157

Bunker, John P. Surgical priorities and the quality of medical care, 173

Burns, Robert Ignatius. The medieval crossbow as surgical instrument: An illustrated case history, 983

Busterud, John A. A cleaner environment: A prescription for the Department of Defense, 818

Byar, David P. Treatment of prostatic cancer: Studies by the Veterans Administrative Research Group, 751

C

Cahill, Kevin M. Introduction (Symposium on the Teaching of Tropical Medicine), 1206

Cahill, Kevin M. Tropical medicine in a temperate climate: The philosophy and reality of one course, 1248

Carlson, Eric T. Nineteenth century insanity and poverty, 539

Centralization and automation of cancer experience. Fred G. Conrad, Robert G. Rossing, and Henry R. Bales, Jr., 741

Cleaner environment, A: A prescription for the Department of Defense. John A. Busterud, 818

Closing remarks (1972 Health Conference). August H. Groeschel, 1508

Closing remarks (Symposium on the Teaching of Tropical Medicine). Meir Yoeli, 1342

Cochran, George Van B. Experimental methods for stimulation of bone healing by means of electrical energy, 899

Cogan's syndrome with cardiovascular involvement: Aortic insufficiency. Maxwell L. Gelfand, Thomas Kantor, and Fred Gorstein, 647

Colp, Ralph, Jr. Charles Darwin and Mrs. Whitby, 870

Community service, the medical staff, and the hospital: A house officer's views. John W. Graef, 1409

Computer management of clinical information: Capture and retrieval of clinical orthopedic data by means of the variable-field-length format. Ralph Lusskin, Julius Korein, Walter A. L. Thompson, and Thomas Heffernan, 1114

Concluding remarks for Section I (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials). Leo Vroman, 311

Conditions during westward expansion of the United States. F. Thistlethwaite, 208

Conferences (See also Symposia):
Myocardial Revascularization, 1071
Towad a National Health Program. The 1971 Health Conference, the New York Academy of Medicine, 23
The Hospital as a Community Facility. The 1972 Health Conference, the New York Academy of Medicine, 1349

Conrad, Fred G., Rossing, Robert G., and Bales, Henry R., Jr., Centralization and Automation of cancer experience, 741

Contributions of Casper Neumann and Edmund Halley to demography, The. Saul Jarcho, 978

Control of flow in the evaluation of blood compatibility of biochemicals. Leonard I. Friedman and Peter D. Richardson, 429

Cooperation of hospitals in Canada: Regionalization, mergers, and shared services. Irial Gogan, 1452

Cornely, Paul B. National planning for health: Structure and goals, 53

Cornfield, Jerome. Approaches to assessment of the efficacy of surgical revascularization, 1126

Coronary artery disease, Natural history of. Albert Oberman, William B. Jones, Charles P. Riley, T. Joseph Reeves, L. Thomas Sheffield, and Malcolm E. Turner, 1109

Coronary artery disease, Surgery for acute. Mortimer J. Buckley, 1157

Could Oswald have shot President Kennedy? Further ballistic studies. John K. Latimer, Gary Lattimer, and Jon Lattimer, 513

Criteria for financial support of studies evaluating blood compatibility. Frank W. Hastings, 326

Cunnick, W. R., Cromie, J. B., Cortell, Ruth, Wright, Barbara, Beach, Eliot, Seltzer, Frederick, and Miller, Sybil. Value of biochemical profiling in a periodic health examination program: Analysis of 1,000 cases. 5

D

Darwin and Mrs. Whitby, Charles. Ralph Colp, Jr., 870
Davis, Karen. Rising hospital costs: Possible causes and cures, 1354
Dedication (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials). L. T. Harmison, 211
Denning, Carolyn R. Introduction (Symposium on the Comprehensive Care of Lung Diseases in Children), 682
Discussion, Afternoon panel (Conference on Myocardial Revascularization). Gerard A. Kaiser, W. Dudley Johnson, Frank C. Spencer, Mortimer J. Buckley, and Richard S. Ross, 1170
Discussion, Morning panel (Conference on Myocardial Revascularization). Harvey G. Kemp, Jr., Richard Gorlin, Albert Oberman, Jerome Cornfield, and Richard S. Ross, 1135
Discussion of paper by Bert K. Kusserow: "The use of pathologic techniques in the evaluation of emboli from prosthetic devices." Pierre M. Galletti, 478
Discussion of paper by Leonard I. Friedman: "Control of flow in the evaluation of blood compatibility of biomaterials." Edwin W. Salzman, 449
Discussion of paper by N. R. E. Fendall: "Auxiliaries and primary medical care." John Karefa-Smart, 1301
Discussion of paper by R. G. Mason: "Some methods for *in vitro* estimation of the blood compatibility of biomaterials." Marjorie B. Zucker, 425
Discussion of paper by Vincent L. Gott and Akira Furuse: "Standardized methods for the *in vitro* evaluation of artificial surfaces." George Silvay, 491
Discussion of paper by W. J. King, Jr.: "The use of resonating devices to make small mass measurements." Peter D. Richardson, 465
Discussion—Section I (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials). Leo Vroman, Philip N. Sawyer, Robert E. Baier, Edwin W. Salzman, Hymie L. Nossel, Theodore H. Spaet, 313
Dixon, Edward H. A resurrectionist in 1831, 606
Dixon, Edward H. Bellevue in the 1830's, 509
Dixon, Edward H. Excerpts from "an undelivered and unorthodox address," 1065
Doershuk, Carl F. Observations on pulmonary function testing and blood-gas analysis in children, 684
Doershuk, Carl F. and Matthews, LeRoy W. Inhalation therapy and bronchial drainage in the management of chronic lung diseases in children, 704
Duff, Raymond. Standards in health care, 1486
Dupuytren's contracture, Edmund Halley (1656-1742) on, 804

E

Ebert, Paul A. The medical staff and the hospital, 1405
Ebido, Bernadito, Weinreich, Avron, and Lipton, Barbara, Anesthetic agents and neuropsychiatric complications following extracorporeal circulation, 545
Effectiveness and efficiency in hospital management and the interdependence of health services. Gordon McLachlan, 1435
Eichna, Ludwig W. Presentation of the Academy Medal to James A. Shannon, M.D., 1194
Electrical stimulation of partial limb regeneration in mammals. Robert O. Becker and Joseph A. Spadaro, 627
Emphysema: Historical perspective. Milton B. Rosenblatt, 823
Evaluation of the patient: Pre- and postoperatively. Richard Gorlin, 1093
Evolution of tropical medicine: The: A historical perspective. Meir Yoeli, 1231
Experimental methods for stimulation of bone healing by means of electrical energy. George Van B. Cochran, 899
Events that lead to thrombosis, The. Edwin W. Salzman, 225

Excerpts from "An undelivered and unorthodox address." Edward H. Dixon, 1065
Experts, Saul Bellow, 884

F

Felch, William C. The role of the practicing physician, 178
Fendall, N. R. E. Auxiliaries and primary medical care, 1291
Fendall, N. R. E. Training the physician for development, 1262
Fenderson, Douglas A. A manpower evaluation protocal, 966
Ferreyra da Rosa on yellow fever in Pernambuco (1694). Saul Jarcho, 1343
Field, Mark G. Taming a profession: Early phases of Soviet socialized medicine, 83
Forbes, Thomas R. Book review. Eleanor Shipley Duckett: *Death and Life in the Tenth Century*, 598
Friedman, Arnold P. The headache in history, literature, and legend, 661
Friedman, Emanuel A. An objective approach to the diagnosis and management of abnormal labor, 842
Friedman, Leonard I. and Richardson, Peter D. Control of flow in the evaluation of blood compatibility of biomaterials, 429
Frye, William W. Adaptation to and continued education for teachers of tropical medicine, 1315

G

Galletti, Pierre M. Discussion of paper by Bert K. Kusserow: "The use of pathologic techniques in the evaluation of emboli from prosthetic devices," 478
Gelfand, Maxwell L., Kantor, Thomas, and Gorstein, Fred. Cogan's syndrome with cardiovascular involvement: Aortic insufficiency, 647
Gemmill, Chalmers L. Robley Dunglison's *Dictionary of Medical Science*, 1833, 791
Gemmill, Chalmers L. The Greek concept of diabetes, 1033
Gogan, Irial. Cooperation of hospitals in Canada: Regionalization, mergers, and shared services, 1452
Gorlin, Richard. Evaluation of the patient: Pre- and postoperatively, 1093
Gott, Vincent L. and Furuse, Akira. Standardized methods for the *in vitro* evaluation of artificial surfaces, 482
Gott, Vincent L. The second decade of biomaterials development and evaluation. A time to apply the scientific method, 216
Graef, John W. Community service, the medical staff, and the hospital: A house officer's views, 1409
Greek concept of diabetes, The. Chalmers L. Gemmill, 1033
Griscon, John H. Sanitary legislation in New York, 1861, 1186
Groeschel, August H. Closing remarks (1972 Health Conference), 1508
Groeschel, August H. The hospital: A changing perspective, 1349

H

Halley, Edmund (1656-1742) on Dupuytren's contracture, 804
Hand, Wayland D. Magical treatment of disease by outlining the ailing part, 951
Hannan, Kenneth H. Hospitals: Isolated or interdependent? 1459
Harmison, L. T. Dedication (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials), 211
Hastings, Frank W. Criteria for financial support of studies evaluating blood compatibility, 326
Hastings, John E. F. Toward a national health program: Canadian experience, 66
Headache in history, literature, and legend, The. Arnold P. Friedman, 661
Health Conference of the New York Academy of Medicine, 1971. Toward a National Health Program, 23
Health Conference of the New York Academy of Medicine, 1972. The Hospital as a Community Facility, 1349
Health, humanism, and human rights. The Right Hon. The Lord Ritchie-Calder, 109
Health services delivery system, The. Eva M. Reese, 182
Health services delivery system, The. G. Phillip Tolbert, 187
Health services delivery system, The. Robert M. Heyssel, 166
Health services research and development. Paul J. Sanazaro, 157
Hemodynamic basis of arteriosclerosis, The. Further observations: The ostial lesion. Meyer Texon, 733
Heyssel, Robert M. The health services delivery system, 166

Hightower, Edward S. A single standard of care, 1503
Himler, George. The medical staff and the hospital, 1416
Horty, John F. National health insurance proposals: Leverage for change? 130
Hospital services; Needs and costs. C. Arden Miller, 1372
Hospital services: Needs and costs. David E. Rogers, 1383
Hospital services: Needs and costs. William R. Roy, 1387
Hospitals depicted in old maps and panoramas (III), Saul Jarcho, 204
Hospitals depicted in old maps and panoramas (IV): Seventeenth century Geneva. Saul Jarcho, 880
Hospitals: Isolated or interdependent? Kenneth H. Hannan, 1459
Hospital within a hospital, The: An empirical experiment in health care in a major metropolitan hospital. Robert E. Tranquada and Robert F. Maronde, 558
Hospitals: Isolated or interdependent? Stephen M. Morris, 1474
Hospital, The: A changing perspective. August H. Groeschel, 1349
Hospital, The. Guillermo Arbona, 1447
Hotchkiss, Robert S. The role of the urologist in infertile marriage, 525
Humboldt, A. von. Lactation in males, 603

I

Infection in chronic lung disease. Katherine Sprunt, 698
Ingraham, Hollis S. National planning for health: Structure and goals, 39
Introduction to the presentation of Lord Ritchie-Calder. Joseph Post, 108
Inhalation therapy and bronchial drainage in the management of chronic lung diseases in children. Carl F. Doershuk and LeRoy W. Matthews, 704
Intravenous hyperalimentation: Indication, technique, and complications. Mohamad H. Parsa, David V. Habif, Joseph M. Ferrer, Rita Lipton, and Norman N. Yoshimura, 920
Introduction (Conference on Myocardial Revascularization). Harvey G. Kemp, Jr., 1071
Introduction (Symposium on the Comprehensive Care of Lung Disease in Children). Carolyn R. Denning, 682
Introduction (Symposium on the Teaching of Tropical Medicine). Kevin M. Cahill, 1206

J

Janssens, P. G. Tropical health care system in transition: Training the new generation of key professionals in the promotion of tropical health, 1330
Janssens, P. G. Tropical health care system in transition: Teaching tropical medicine in a developing country, 1276
Janssens, P. G. Why medical auxiliaries in the tropics? Lessons of a meaningful past, 1304
Jarcho, Saul. Ferreyra da Rosa on yellow fever in Pernambuco (1694), 1343
Jarcho, Saul. Hospitals depicted in old maps and panoramas (III), 204
Jarcho, Saul. Hospitals depicted in old maps and panoramas (IV): Seventeenth century Geneva, 880
Jarcho, Saul. Malaria and other diseases in Baedeker's guidebooks: Part I, 709
Jarcho, Saul. Malaria and other diseases in Baedeker's guidebooks: Part II, 802
Jarcho, Saul. Medical numismatic notes, VI: The Belgian social welfare crisis of 1857, 599
Jarcho, Saul. Medical numismatic notes, VII: Mithridates IV, 1059
Jarcho, Saul. The papal tobacco factory, 506
Jarcho, Saul. The contributions of Casper Neumann and Edmund Halley to demography, 978
Jelinek, J. E. Sudden whitening of the hair, 1003
Johnson, W. Dudley. Surgical techniques of myocardial revascularization: An overview, 1146

K

Karefa-Smart, John. Discussion of paper by N. R. E. Fendall: Auxiliaries and primary medical care, 1301
Kemp, Harvey G., Jr. Introduction (Conference on Myocardial Revascularization), 1071
Kennedy, Edward M. National health insurance proposals: Leverage for change? 146

Kindig, David A. Some implications of patient-oriented health care, 193
King, W. J., Jr. The use of resonating devices to make small mass measurements, 459
Kusserow, Bert K. The use of pathologic techniques in the evaluation of emboli from prosthetic devices, 468

L

Lactation in males. A. von Humbolt, 603
Lattimer, John K., Lattimer, Gary, and Lattimer, Jon. Could Oswald have shot President Kennedy? Further ballistic studies, 513
Lee, Sidney S. Teaching hospitals: Alone or together? 1467
Leikind, Morris C. Stanhope Bayne-Jones: Physician, teacher, soldier, scientist-administrator, friend of medical libraries, 584
Leonard, Edward F. The role of flow in thrombogenesis, 273
Levey, Sylvan. Bone setting, peasant style, 577
Liability, Professional: What is to be done? Fred A. Mettler and Marvin Lieberman, 779
Lieberman, Marvin. Book review: Martin Brown, editor: *The Social Responsibilities of the Scientist*, 200
Lipkin, Mack. The medical staff and the hospital, 1396
Lithium in the treatment of manic-depressive illness. Sidney Maltz, 767
Littman, Waxwell L. Welcoming address (Symposium in Problems in Evaluating the Blood Compatibility of Biomaterials), 215
Litwak, Robert S. Summary of Section II: Performance of materials in vascular prosthetic devices, 406
Lowenthal, Milton. The Academy project on the functional analysis of allied health personnel in the medical care delivery team, 974
Lusskin, Ralph, Korein, Julius, Thompson, Walter A. L., and Heffernan, Thomas. Computer management of clinical information: Capture and retrieval of clinical orthopedic data by means of the variable-field-length format, 1114
Lutnicki, Victor A. Program for health care in the 1970s, A: The point of view of the insurance company, 137
Lyall, Robert. Medical licensure in Russia, 1825

M

McCormack, James E. Presentation of the Academy Plaque to Frank B. Berry, M.D., 1191
McLachlan, Gordon. Effectiveness and efficiency in hospital management and the interdependence of health services, 1435
Maegraith, Brian. Tropical medicine: What it is not, what it is, 1210
Magical treatment of disease by outlining the ailing part. Wayland D. Hand, 951
Malaria and other diseases in Baedeker's guidebooks: Part I. Saul Jarcho, 709
Malaria and other diseases in Baedeker's guidebooks: Part II. Saul Jarcho, 802
Malitz, Sidney. Lithium in the treatment of manic-depressive illness, 767
Manpower evaluation protocol, A. Douglas A. Fenderson, 966
Mason, R. G. Some methods for *in vitro* estimation of the blood compatibility of biomaterials, 407
Maynard, Edwin Post, Jr. The practice of medicine in 1921, 807
Medical and demographic data in the forthcoming *Atlas of Hawaii*. R. Warwick Armstrong, 877
Medical and social perception of the Vietnam veteran, A. Marc J. Musser and Charles A. Stenger, 859
Medical licensure in Russia, 1825. Robert Lyall, 1068
Medical numismatic notes, VI: The Belgian social welfare crisis of 1857. Saul Jarcho, 599
Medical numismatic notes, VII: Mithridates IV. Saul Jarcho, 1059
Medical staff and the hospital, The. George Himler, 1416
Medical staff and the hospital, The. Helen Rodriguez-Trias, 1423
Medical staff and the hospital, The. Mack Lipkin, 1396
Medical staff and the hospital, The. Paul A. Ebert, 1405
Medical staff and the hospital, The. Thomas H. Ainsworth, Jr., 1400

Medical staff and the hospital, The: An organizational perspective. W. Richard Scott, 1428
Medicine and Society. Contemporary Medical Problems in Historical Perspective. Book review. Frank B. Berry, 494
Medieval crossbow as surgical instrument, The: An illustrated case history. Robert Ignatius Burns, 983
Mettler, Fred A. and Lieberman, Marvin. Professional liability: What is to be done? 779
Miller, C. Arden. Hospital services: Needs and costs, 1372
Morris, Stephen M. Hospitals: Isolated or interdependent? 1474
Murray, Raymond H. The use of technology in ambulatory health care, 955
Musser, Marc J. and Stenger, Charles A. A medical and social perception of the Vietnam veteran, 859
Myocardial revascularization, Surgical techniques of. An overview. W. Dudley Johnson, 1146

N

National health insurance proposals: Leverage for change? Edward M. Kennedy, 146
National health insurance proposals: Leverage for change? John F. Horty, 130
National health insurance proposals: Leverage for change? Robert E. Patricelli, 120
National planning for health: Structure and goals. Bert Seidman, 45
National planning for health: Structure and goals. Hollis S. Ingraham, 39
National planning for health: An emerging reality. Karl D. Yordy, 32
National planning for health: Structure and goals. Paul B. Cornely, 53
Natural history of coronary artery disease. Albert Oberman, William B. Jones, Charles P. Riley, T. Joseph Reeves, L. Thomas Sheffield, and Malcolm E. Turner, 1109
Need for a national health program, The. Milton Terris, 24
New health, The. Paul G. Rogers, 1199
New York Heart Association
  Abstracts, Scientific Session on Research, 1037
  Conference on Myocardial Revascularization, 1071
Nineteenth century insanity and poverty. Eric T. Carlson, 539
Nossel, Hymie L. Activation of factors XII and XI in thrombogenesis, 281

O

Ober, William B. Sir William Petty: Medical education, hospitals, and health care, 998
Oberman, Albert, Jones, William B., Riley, Charles P., Reeves, Joseph, Sheffield, L. Thomas, and Turner, Malcolm E., 1109
Objective approach to the diagnosis and management of abnormal labor, An. Emanuel A. Friedman, 842
Observations on pulmonary function testing and blood-gas analysis in children. Carl F. Doershuk, 684

P

Papal tobacco factory, The. Saul Jarcho, 506
Parsa, Mohamad H., Habif, David V., Ferrer, Joseph M., Lipton, Rita, and Yoshimura, Norman N. Intravenous hyperalimentation: Indication, technique, and complications, 920
Patricelli, Robert E. National health insurance proposals: Leverage for change? 120
Patterson, Russell H., Jr., Kessler, Jack, Brennan, Robert W., and Twichell, Joseph B. Ultrasonic detection of microemboli from artificial surfaces: Evidence of microembolic tissue damage, 452
Performance of materials in vascular prosthetic devices: Heart valves. Nina S. Braunwald, 357
Performance of materials as prosthetic blood vessels. S. Adam Wesolowski, 331
Performance of materials in vascular prosthetic devices, Summary of Section II. Robert S. Litwak, 406
Performance of membranes in vascular prosthetic devices, The. Peter D. Richardson, 379
Personal identification in mass disorders. Erik Waaler, 609
Petty, Sir William: Medical education, hospitals, and health care. William B. Ober, 998
Post, Joseph. Summary (1971 Health Conference), 197
Post, Joseph. Introduction to the presentation of Lord Ritchie-Calder, 108

Practice of medicine in 1921, The. Edwin Post Maynard, Jr., 807
Prediction of oxygen tensions during cardiopulmonary bypass. Norman J. Starr and Richard W. Patterson, 990
Present status of the drug abuse counteroffensive in the armed forces. Stewart L. Baker, Jr., 719
Problems related to recent and proposed changes in postgraduate medical education. Richard P. Torp, 642
Professional liability: What is to be done? Fred A. Mettler and Marvin Lieberman, 779
Program for health care in the 1970s, A: The point of view of the insurance company. Victor A. Lutnicki, 137
Prostatic cancer, Treatment of: Studies by the Veterans Administration Cooperative Research Group. David P. Byar, 751

R

Rather, L. J. Who discovered the pathognomonic giant cell of Hodgkin's disease? 943
Rational Egyptian surgery: A cranial injury discussed in the Edwin Smith Papyrus. Guenter B. Risse, 912
Reese, Eva M. The health services delivery system, 182
Resurrectionist in 1931, A. Edward H. Dixon, 606
Richardson, Peter D. Discussion of paper by W. J. King, Jr.: "The use of resonating devices to make small mass measurements," 465
Richardson, Peter D. The performance of membranes in vascular prosthetic devices, 379
Rising hospital costs: Possible causes and cure. Karen Davis, 1354
Risse, Guenter B. Rationale Egyptian surgery: A cranial injury discussed in the *Edwin Smith Papyrus*, 912
Ritchie-Calder, The Right Hon. The Lord. Health, humanism, and human rights, 109
Roberts, Lillian. A single standard of care, 1493
Robley Dunglison's *Dictionary of Medical Science*, 1833. Chalmers L. Gemmill, 791
Rodriguez-Trias, Helen. The medical staff and the hospital, 1423
Roemer, Milton I. Social insurance as leverage for changing health care systems: International experience, 93
Rogers, David E. Hospital Services: Needs and costs, 1383
Rogers, Paul G. The new health, 1199
Role of electrochemical surface properties in thrombosis at vascular interfaces, The: Cumulative experience of studies in animals and man. Philip N. Sawyer and S. Srinivasan, 235
Role of flow in thrombogenesis, The. Edward F. Leonard, 273
Role of surface energy in thrombogenesis, The. Robert E. Baier, 257
Role of the practicing physician, The. William C. Felch, 178
Role of the urologist in infertile marriage, The. Robert S. Hotchkiss, 525
Rosenblatt, Milton B. Emphysema: Historical perspective, 823
Ross, Richard S. Surgery for coronary artery disease placed in perspective, 1163
Roy, William R. Hospital services: Needs and costs,
Russia, 1825, Medical licensure in. Robert Lyall, 1068

S

Salzman, Edwin W. Discussion of paper by Leonard I. Friedman: "Control of flow in the evaluation of blood compatibility of biomaterials," 449
Salzman, Edward W. The events that lead to thrombosis, 225
Sanazaro, Paul J. Health services research and development, 157
Sanitary legislation in New York, 1861. John H. Griscon, 1186
Sawyer, Philip N. and Srinivasan, S. The role of electrochemical surface properties in thrombosis at vascular interfaces: Cumulative experience of studies in animals and man, 235
Scott, W. Richard. The medical staff and the hospital: An organizational perspective, 1428
Second decade of biomaterials development and evaluation, The: A time to apply the scientific method. Vincent L. Gott, 216
Seidman, Bert. National planning for health: Structure and goals, 45

Sewell, Edward M. The spectrum of chronic pulmonary disease in children, 689
Sheps, Cecil G. What gives meaning to the interdependence of hospitals, 1481
Silvay, George. Discussion of paper by Vincent L. Gott and Akira Furuse: "Standardized methods for the *in vitro* evaluation of artificial surfaces," 491
Single standard of care, A. Edward S. Hightower, 1503
Single standard of care, A. Lillian Roberts, 1493
Single standard of care, A. Gilbert Y. Steiner, 1497
Social insurance as leverage for changing health care systems: International experience. Milton I. Roemer, 93
Some implications of patient-oriented health care. David A. Kindig, 193
Some methods for *in vitro* estimation of the blood compatibility of biomaterials. R. G. Mason, 407
Spectrum of chronic pulmonary disease in children, The. Edward M. Sewell, 689
Sprunt, Katherine. Infection in chronic lung disease, 698
Standardized methods for the *in vitro* evaluation of artificial surfaces. Vincent L. Gott and Akira Furuse, 482
Standards in health care. Raymond Duff, 1486
Stanhope Bayne-Jones: Physician, teacher, soldier, scientist-administrator, friend of medical libraries. Morris C. Leikind, 584
Starr, Norman J., and Patterson, Richard W. Prediction of oxygen tensions during cardiopulmonary bypass, 990
Steiner, Gilbert Y. A single standard of care, 1497
Stemerman, Michael and Spaet, Theodore H. The subendothelium and thrombogenesis, 289
Stoll, Norman R. The osmosis of research: Example of the Cort hookworm investigations, 1321
Subendothelial and thrombogenesis, The. Michael Stemerman and Theodore H. Spaet, 289
Sudden whitening of the hair. J. E. Jelinek, 1003
Summary (1971 Health Conference). Joseph Post, 197
Summary of Section II: Performance of materials in vascular prosthetic devices. Robert S. Litwak, 406
Surgery for acute coronary artery disease. Mortimer J. Buckley, 1157
Surgery for coronary artery disease placed in perspective. Richard S. Ross, 1163
Surgical priorities and the quality of medical care. John P. Bunker, 173
Surgical techniques of myocardial revascularization: An overview. W. Dudley Johnson, 1146
Swift, Jonathan, on madness and innovation, 713
Symposia (See also Conferences):
Problems in Evaluatiing the Blood Compatability of Biomaterials, 211
The Comprehensive Care of Lung Diseases in Children, 682
The Teaching of Tropical Medicine, 1206

T

Taming a profession: Early phases of Soviet socialized medicine. Mark G. Field, 83
Teaching and research in tropical medicine in the United States. Timothy D. Baker, 1255
Teaching hospitals, Alone or together? Sidney S. Lee, 1467
Terris, Milton. The need for a national health program, 24
Texon, Meyer. The hemodynamic basis of atherosclerosis. Further observations: The ostial lesion, 733
The Cairo Asylum in 1877, 1510
The osmosis of research: Example of the Cort hookworm investigations. Norman R. Stoll, 1321
Thistlethwaite, F. Conditions during westward expansion of the United States, 208
Titus, Jack L. Anatomic and pathologic rationale for surgery of the coronary arteries, 1074
Tolbert, G. Phillip. The health services delivery system, 187
Torp, Richard P. Problems related to recent medical education, 642
Toward a national health program: Canadian experience. John E. F. Hastings, 66
Training the physician for development. N. R. E. Fendall, 1262

Tranquada, Robert E. and Maronde, Robert F. The hospital within a hospital: An empirical experiment in health care in a major metropolitan hospital, 558

Treatment of prostatic cancer: Studies by the Veterans Administration Cooperative Urological Research Group. David P. Byar, 751

Trends in the British national health service. John H. F. Brotherston, 58

Tropical Disease Center. Symposium on the Teaching of Tropical Medicine, 1206

Tropical health care system in transition: Teaching tropical medicine in a developing country. P. G. Janssens, 1276

Tropical medicine in a temperate climate: The philosophy and reality of one course. Kevin M. Cahill, 1248

Tropical medicine: What it is not, what it is. Brian Maegraith, 1210

U

Ultrasonic detection of microemboli from artificial surfaces: Evidence of microembolic tissue damage. Russell H. Patterson, Jr., Jack Kessler, Robert W. Brennan, and Joseph B. Twichell, 452

Use of pathologic techniques in the evaluation of emboli from prosthetic devices, The. Bert K. Kusserow, 468

Use of resonating devices to make small mass measurements, The. W. J. King, Jr., 459

Use of technology in ambulatory health care, The. Raymond H. Murray, 955

V

Value of biochemical profiling in a periodic health examination program: Analysis of 1,000 cases. W. R. Cunnick, J. B. Cromie, Ruth Cortell, Barbara Wright, Eliot Beach, Frederic Seltzer, and Sybil Miller, 5

Vogl, Alfred. Book review. Erwin H. Ackerknecht: *Therapie von den Primitiven bis zum* 20. Jahrundert, 707.

Vroman, Leo. Concluding remarks for Section I (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials), 311

Vroman, Leo. What factors determine thrombogenecity? 302

W

Waaler, Eric. Personal identification in mass disorders, 609

Welcoming address (Symposium on Problems in Evaluating the Blood Compatibility of Biomaterials). Maxwell L. Littman, 215

Wertham, Frederic. Battered children and baffled adults, 887

Wesolowski, S. Adam. Performance of materials as prosthetic blood vessels, 331

What factors determine thrombogenicity? Leo Vroman, 302

What gives meaning to the interdependence of hospitals. Cecil G. Sheps, 1481

Who discovered the pathognomonic giant cell of Hodgkin's disease? L. J. Rather, 943

Why medical auxiliaries in the tropics? Lessons of a meaningful past. P. G. Janssens, 1304

Worth, C. Brooke. Book review. Alfred Russell Wallace: *Natural Selection and Tropical Nature. Essays on Descriptive and Theoretical Biology*, 799

Y

Yoeli, Meir. Closing remarks (Symposium on The Teaching of Tropical Medicine), 1341

Yoeli, Meir. The evolution of tropical medicine: An historical perspective, 1231

Yordy, Karl D. National planning for health: An emerging realty, 32

Z

Zucker, Marjorie B. Discussion of paper by R. G. Mason: "Some methods for *in vitro* estimation of the blood compatibility of biomaterials," 425

AUTHOR INDEX

VOLUME 48, 1972

A

Ainsworth, T. H., Jr., 1400
Akutsu, T., 362
Anderson, G. W., 596
Arbona, G., 1447
Armstrong, R. W., 877

B

Baier, R. E., 257
Baker, S. L., Jr., 719
Baker, T. D., 1255
Bales, H. R., Jr., 741
Becker, Robert O., 627
Bellow, S., 884
Berry, F. B., 494
Braunwald, N. S., 357
Brennan, R. W., 452
Brotherston, J. H. F., 58
Buckley, M. J., 1157
Bunker, J. P., 173
Burns, R. I., 983
Byar, D. P., 751
Busterud, J. A., 818

C

Cahill, K. M., 1206, 1248
Carlson, E. T., 539
Cochran, G. Van B., 899
Colp, R., Jr., 870
Conrad, F. G., 741
Cornely, P. B., 53
Cortell, R., 5
Cromie, J. B., 5
Cunnick, W. R., 5

D

Davis, K., 1354
Denning, C. R., 682
Dixon, E. H., 509, 606, 1065
Doershuk, C. F., 684, 704
Duff, R., 1486

E

Ebert, P. A., 1405
Ebido, B., 545
Eichna, L. W., 1194

F

Felch, W. C., 178
Fendall, N. R. E., 1262, 1291
Fenderson, D. A., 966
Ferrer, J. M., 920
Field, M. G., 83
Forbes, T. R., 598
Friedman, E. A., 842
Friedman, L. I., 429
Frye, W. W., 1315
Furuse, A., 482

G

Galletti, P. M., 478
Gelfand, M. L., 647
Gemmill, C. L., 791, 1033
Gogan, I., 1452
Gorlin, R., 1093
Gorstein, F., 647
Gott, V. L., 216, 482
Graef, J. W., 1409
Griscon, J. H., 1186
Groeschel, A. H., 1349, 1508

H

Habif, D. V., 920
Halley, E., 804
Hand, W. D., 951
Hannan, K. H., 1459
Harmison, L. T., 211
Hastings, F. W. ,326
Hastings, J. E. F., 66
Heffernan, T., 1114
Heyssel, R. M., 166
Hightwoer, E. S., 1503
Himler, G., 1416
Horty, J. F., 130
Hotchkiss, R. S., 525
Humboldt, A. von, 603

I

Ingraham, H. S., 39

J

Janssens, P. G., 1276, 1304, 1330
Jarcho, S., 204, 506, 599, 709, 802, 880, 978, 1059, 1343
Jelinek, J. E., 1003
Johnson, W. D., 1146
Jones, W. B., 1109

K

Kantor, T., 647
Karefa-Smart, J., 1301
Kemp, H. G., Jr., 1071
Kennedy, E. M., 146
Kessler, J., 452
Kindig, D. A., 193
King, W. J., Jr., 459
Korein, J., 1114
Kusserow, B. K., 468

L

Lattimer, G., 513
Lattimer, J., 513
Lattimer, J. H., 513
Lee, S. S., 1467
Levey, S., 577
Leikind, M. C., 584
Leonard, E. F., 273
Lieberman, M., 200, 799
Lipkin, M., 1396
Lipton, B., 545
Lipton, R., 920

Littman, M. L., 215
Litwak, R. S., 406
Lowenthal, M., 974
Lusskin, R., 1114
Lutnicki, V. A., 137
Lyall, R., 1825

M

McCormack, J. E., 1191
McLachlan, G., 1435
Maegraith, B., 1210
Malitz, S., 767
Maronde, R. F., 558
Mason, R. G., 407
Matthews, L. W., 704
Maynard, E. P., Jr., 807
Mettler, F. A., 779
Miller, C. A., 1372
Morris, S. M., 1474
Murray, R. H., 955
Musser, M. J., 859

N

Nossel, Hymie L., 281

O

Ober, W. B., 998
Oberman, A., 1109

P

Parsa, M. H., 920
Patricelli, R. E., 120
Patterson, R. H., Jr., 452
Patterson, R. W., 990
Post, J., 108, 197

R

Rather, L. J., 943
Reese, E. M., 182
Reeves, T. J., 1109
Richardson, P. D., 379, 429, 465
Risse, G. B., 912
Riley, C. P., 1109
Ritchie-Calder, Lord, 109
Roberts, L., 1493
Rodriguez-Trias, H., 1423
Rogers, D. E., 1383
Rogers, P. G., 1199
Roemer, M. I., 93
Rosenblatt, M. B., 823
Ross, R. S., 1163
Rossing, R. G., 741
Roy, W. R., 1387

S

Saizman, E. W., 225, 449
Sanazaro, P. J., 157
Sawyer, P. N., 235
Scott, W. R., 1428
Seidman, B., 45
Sewell, E. M., 689
Sheffield, L. T., 1109
Sheps, C. G., 1481
Silvay, G., 491
Spadaro, Joseph A., 627
Sprunt, K., 698
Srinivasan, N., 235
Starr, N. J., 990
Steiner, G. Y., 1497
Stenger, C. A., 859
Stoll, N. R., 1321
Swift, J., 713

T

Terris, M., 24
Texon, M., 733
Thistlethwaite, F., 208
Thompson, W. A. L., 1114
Titus, J. L., 1074
Tolbert, G. P., 187
Torp, R. P., 642
Tranquada, R. E., 558
Turner, M. E., 1109
Twichell, J. B., 452

V

Vogl, A., 707
Vroman, L., 302, 311

W

Waaler, E., 609
Weinreich, A., 545
Wertham, F., 887
Wesolowski, S. A., 331
Worth, C. B., 799
Wright, B., 5

Y

Yoeli, M., 1231, 1342
Yordy, K. D., 32
Yoshimura, N. N., 920

Z

Zucker, M. B., 425